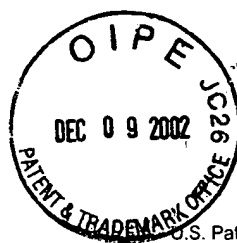


1724



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	Filing Date	Aug 1, 2001
	First Named Inventor	Choi, Byung J.
	Group Art Unit	1724
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	PA17-07V06

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Form PTO-1449 with eight (8) references 2. Search Report 3. Return Receipt Postcard to Kenneth C. Brooks
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Signature	<i>Kenneth C. Brooks</i>
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Applicant: Choi et al.

PATENT APPLICATION

Serial No.: 09/920,341

Group Art Unit: 1724

Filing Date: August 1, 2001

Examiner: Unassigned

For: METHODS FOR HIGH-PRECISION GAP AND ORIENTATION SENSING
BETWEEN A TRANSPARENT TEMPLATE AND SUBSTRATE FOR IMPRINT
LITHOGRAPHY

INFORMATION DISCLOSURE STATEMENT

Commissioner
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Washington, D.C. 20231

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. A copy of each is enclosed. Also enclosed is a copy of the Search/Examination report from the International Searching Authority, concerning a corresponding international patent application.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicants state as follows:

Each Item of Information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

U.S. PATENT DOCUMENTS

<u>Patent No.</u>	<u>Inventor</u>	<u>Grant Date</u>
5,218,193	Miyatake	Jun. 8, 1993
5,355,219	Araki et al.	Oct. 11, 1994
6,088,103	Everett et al.	Jul. 11, 2000

FOREIGN PATENT DOCUMENTS

<u>Publication No.</u>	<u>Inventor</u>	<u>Publication Date</u>
WO 87/02935	Long et al.	May 21, 1987
JP 02192045	Mineo et al.	Jul. 27, 1990
EP 0867775	Shinji	Sep. 30, 1998

NON PATENT DOCUMENTS

Norio Uchida et al., "A Mask-to-Wafer Alignment and Gap Setting Method for X-Ray Lithography Using Gratings" Journal of Vacuum Science and Technology, Part B, American Institute of Physics, New York, US, vol. 9, no. 6, pages 3203-3204, November 1, 1991.

White et al., "Novel alignment system for imprint lithography" 44th International Conference on Electron, Ion, and Photon Beam Technology and Nanofabrication, Rancho Mirage, CA, USA, May 30-June 2, vol. 18, no. 6, pages 3552-3556, Journal of Vacuum Science and Technology, Part B, November 2000.

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Respectfully Submitted,



Kenneth C. Brooks
Reg. No. 38,393

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Sheet

1

of

2

Application Number

09/920.341

Filing Date

8/1/2001

First Named Inventor

Choi et al.

Group Art Unit

1724

Examiner Name _____

Unassigned

Attorney Docket Number

PA17-07V06

U.S. PATENT DOCUMENTS

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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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